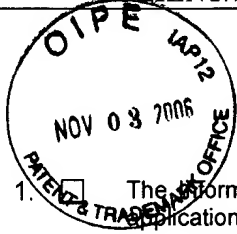

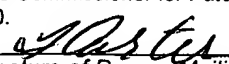


(FW) 2151

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Under 37 CFR 1.97(b), (c), or (d)			Docket No. SRI1P013X1 (PACK/3879-3)
In re Application of: James F. Arnold, et al.			
Serial No. 09/518,753	Filing Date 03/03/2000	Examiner Divecha, Kamal B.	Group Art Unit 2151
Title: METHOD AND APPARATUS FOR UPDATING INFORMATION IN A LOW-BANDWIDTH CLIENT/SERVER OBJECT-ORIENTED SYSTEM			
Address to: Commissioner for Patents Alexandria, VA 22313-1450			
<div></div> <p>37 CFR 1.97(b)</p> <p>1. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p>37 CFR 1.97(c)</p> <p>2. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), but prior to the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by the statement or fee as indicated below.</p> <p>37 CFR 1.97(d)</p> <p>3. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(c), but on or before payment of the issue fee and is accompanied by the statement and fee as indicated below.</p> <p>Required Statements and/or Fees Under 37 CFR 1.97(c) or (d)</p> <p><input type="checkbox"/> Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(1))</p> <p><input type="checkbox"/> No item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(2))</p> <p><input checked="" type="checkbox"/> The fee set forth in 37 CFR 1.17(p). Please credit any overpayment or charge any insufficiencies to deposit account number 20-0782</p> <p>37 CFR §1.704(d)</p> <p>4. <input type="checkbox"/> Each item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 CFR §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.</p> <div><div> Kin-Wah Tong, Esq. Reg. No. 39,400 Patterson & Sheridan, LLP 595 Shrewsbury Avenue Suite 100 Shrewsbury, NJ 07702 732-530-9404</div><div>Dated: 10/31/06</div></div> <div><p>Certification of Mailing by First-Class Mail</p><p>I certify that this document is being deposited on 10/31/06 with the U.S. Postal Service as first class mail under 37 C.F.R. §1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p><p> Signature of Person Mailing Correspondence</p><p>Tara Carter Typed or Printed Name of Person Mailing Correspondence</p></div>			

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<p><i>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</i></p> <p>FEE TRANSMITTAL</p> <p>for FY 2006</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>Complete if Known</p>	
<p>AMOUNT OF PAYMENT (\$) 180.00</p>		<p>Application Number 09/518,753</p> <p>Filing Date March 3, 2000</p> <p>First Named Inventor James F. Arnold, et al.</p> <p>Examiner Name Divecha, Kamal B.</p> <p>Art Unit 2151</p> <p>Attorney Docket No. SRI1P013X1 (PACK/3879-3)</p>	

METHOD OF PAYMENT (check all that apply)

- ☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : _____
- ☒ Deposit Account Deposit Account Number: 20-0782 Deposit Account Name: Patterson & Sheridan, LLP
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

<u>Fee Description</u>				<u>Fee (\$)</u>	<u>Fee (\$)</u>
Each claim over 20 (including Reissues)				50	25
Each independent claim over 3 (including Reissues)				200	100
Multiple dependent claims				360	180
<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee(\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	
_____ -20 or HP=	_____ x	_____ =	_____	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
HP = highest number of total claims paid for, if greater than 20.					
<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee(\$)</u>	<u>Fee Paid (\$)</u>		
_____ - 3 or HP=	_____ x	_____ =	_____		
HP = highest number of independent claims paid for, if greater than 3.					

3. APPLICATION SIZE FEE


If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	_____

4. OTHER FEE(S)

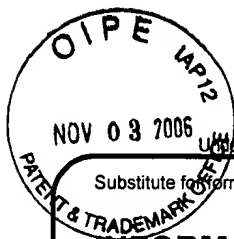
	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	_____
Other (e.g., late filing surcharge) : Submission of an Information Disclosure Statement	\$180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 39,400	Telephone (732) 530-9404
Name (Print/Type)	Kin-Wah Tong, Esq.	Date	10/31/06

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	09/518,753
Filing Date	03/03/2000
First Named Inventor	James F. Arnold, et al.
Art Unit	2151
Examiner Name	Divecha, Kamal B.
Attorney Docket Number	SRI1P013X1 (PACK/3879-3)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A1	US-5,339,392	08/16/1994	Risberg, et al.	
	A2	US- 5,754,771	05/19/1998	Epperson, et al.	
	A3	US- 5,813,007	09/22/1998	Nielsen	
	A4	US- 5,812,844	09/22/1998	Jones, et al.	
	A5	US- 5,826,270	10/20/1998	Rutkowski, et al.	
	A6	US- 5,835,911	11/10/1998	Nakagawa, et al.	
	A7	US- 5,918,214	06/29/1999	Perkoski	
	A8	US- 5,918,013	6/29/1999	Mighdoll, et al.	
	A9	US- 5,920,725	07/06/1999	Ma, et al.	
	A10	US- 5,937,189	08/10/1999	Branson, et al.	
	A11	US- 5,959,543	09/28/1999	Laporta, et al.	
	A12	US- 5,978,577	11/02/1999	Rierden, et al.	
	A13	US- 6,041,360	03/21/2000	Himmel, et al.	
		US-			
		US-			
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		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	B1	WO-98/19239	05/07/1998	HE Holdings, Inc. dba Hughes Electronics		
	B2	WO-98/02812	01/22/1998	Tandem Computers Incorporated		
	B3	EP-0817031 A2	01/07/1998	Sun Microsystems, Inc.		
	B4	EP-0553560 A2	08/04/1993	GPT Limited		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	09/518,753
Filing Date	03/03/2000
First Named Inventor	James F. Arnold, et al.
Art Unit	2151
Examiner Name	Divecha, Kamal B.
Attorney Docket Number	SRI1P013X1 (PACK/3879-3)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	S. MORTON AND O. BUKHRES, "Mobile Computing in Military Ambulatory Care," In The 10th IEEE Symposium on Computer-Based Medical Systems, (CBMS'97), 1997, copy comprises 6 unnumbered pages	
	C2	IBM Technical Disclosure Bulletin, Event Notification Mechanism, 1993, Vol. 36, No. 4, copy comprises 5 pages	
	C3	P. FEILER AND W. TICHY, "Propagator: A Family of Patterns," The 1997 Conference on Technology of Object-Oriented Languages and Systems, TOOLS 23; Santa Barbara, CA; USA; 28 July-01 Aug. 1997. pp. 355-366. 1997, copy comprises 12 unnumbered pages	
	C4	PLASIL, F., BALEK, D., JANECEK, R., "SOFA/DCUP Architecture for Component Trading and Dynamic Updating," Proceedings of the ICCDS '98, Annapolis, IEEE Computer Soc., 1998, copy comprises 16 unnumbered pages	
	C5	CANOS, J.H.; LOZANO, M.D.; RAMOS, I., "KAOS: An Object-Oriented Software Tool for the Objects Definition, Updating, Querying and Programming in an Object-Oriented Environment," In Proceedings of the International Conference on Configurable Distributed Systems, IEEE Computer Society, 1998, copy comprises 4 pages number 711-714	
	C6	PCT International Preliminary Report for PCT/US99/12050; dated 08/29/2000; copy comprises 9 unnumbered pages	
	C7	Notification of Transmittal of the International Search Report or the Declaration /PCT International Search Report for PCT/US01/40219; dated 01/04/2002; copy comprises 7 unnumbered copies	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.